

Title (en)  
NOVEL CRISPR/CAS12F ENZYME AND SYSTEM

Title (de)  
NEUARTIGES CRISPR/CAS12F-ENZYM UND SYSTEM

Title (fr)  
NOUVELLE ENZYME CRISPR/CAS12F ET SYSTÈME

Publication  
**EP 3875469 A4 20220817 (EN)**

Application  
**EP 19880142 A 20191029**

Priority  
• CN 201811266209 A 20181029  
• CN 2019113996 W 20191029

Abstract (en)  
[origin: EP3875469A1] The present invention belongs to the field of nucleic acid editing, in particular to the field of clustered regularly interspaced short palindromic repeats (CRISPR) technology. In particular, the present invention provides a Cas effector protein, a fusion protein comprising the Cas effector protein, and a nucleic acid molecule encoding the same. Also provided are a compound and a composition for nucleic acid editing (e.g., gene or genome editing) comprising the protein or the nucleic acid molecule, and a method for nucleic acid editing (e.g., gene or genome editing) using the protein.

IPC 8 full level  
**C07K 14/00** (2006.01); **C07K 19/00** (2006.01); **C12N 9/16** (2006.01); **C12N 9/22** (2006.01); **C12N 15/113** (2010.01); **C12N 15/90** (2006.01)

CPC (source: CN EP KR US)  
**C12N 9/16** (2013.01 - CN); **C12N 9/22** (2013.01 - EP KR US); **C12N 15/111** (2013.01 - US); **C12N 15/113** (2013.01 - CN KR); **C12N 15/62** (2013.01 - US); **C12N 15/90** (2013.01 - EP KR); **C12N 15/902** (2013.01 - CN US); **C07K 2319/00** (2013.01 - CN); **C07K 2319/01** (2013.01 - EP); **C07K 2319/09** (2013.01 - EP KR); **C07K 2319/40** (2013.01 - EP); **C07K 2319/70** (2013.01 - EP); **C07K 2319/71** (2013.01 - EP); **C12N 2310/20** (2017.05 - CN EP KR US)

Citation (search report)  
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• See also references of WO 2020088450A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3875469 A1 20210908; EP 3875469 A4 20220817**; AU 2019372642 A1 20210617; AU 2019372642 B2 20231123; BR 112021007994 A2 20211026; CA 3118251 A1 20200507; CN 111757889 A 20201009; CN 111757889 B 20210525; CN 113106081 A 20210713; CN 113136375 A 20210720; CN 113136375 B 20230106; IL 282746 A 20210630; JP 2022512982 A 20220207; JP 7216877 B2 20230202; KR 20210129033 A 20211027; MX 2021004898 A 20210618; PH 12021550904 A1 20211129; SG 11202104347U A 20210528; US 2021395784 A1 20211223; WO 2020088450 A1 20200507

DOCDB simple family (application)  
**EP 19880142 A 20191029**; AU 2019372642 A 20191029; BR 112021007994 A 20191029; CA 3118251 A 20191029; CN 2019113996 W 20191029; CN 201980014560 A 20191029; CN 202110473632 A 20191029; CN 202110473640 A 20191029; IL 28274621 A 20210428; JP 2021525173 A 20191029; KR 20217016579 A 20191029; MX 2021004898 A 20191029; PH 12021550904 A 20210422; SG 11202104347U A 20191029; US 201917289204 A 20191029